

* form - If we do this, would
you believe republication of the
Rome paper
still important?

I am very pleased to
think that 1954 will
carry me to your lab.

Young Luca



Jan 18, 1954

Dear Joshua,

This is to tell you - with a few days delay, as I got the news since more than a week but was busy with guests in the meanwhile - that I have obtained a Rockefeller fellowship for a stay up to five months in your laboratory, beginning March 15 or September.

It must be for September rather than March, and I shall not presumably be able to spend all the five months in the U.S.A. I hope, however, to spend \pm 3 months at your place. This might be enough for some ^{short joint} research which we might plan in advance, and for which I would welcome your suggestions.

As to my programme, I cannot fix it in detail since now, but it would be roughly as follows: arriving to New York in August, second half, spend a couple of weeks there and, if you will be at Madison in the second or third week of September, join you there. I shall have to leave for Italy shortly before or after Xmas, as I am supposed to be back here for Jan. 15. I would like to make a two weeks trip to California but have no idea where to fit this, as it depends on various circumstances, like Buzzati's presence at La Jolla, and the possibility of securing money for the journey (the Rockefeller pays only my travel to Madison). I imagine it should be easy to make shorter trips from Madison to neighbouring places of scientific interest during the rest of my stay.

My fellowship will pay for self and wife, \$ 325 a month. This should be free of tax, I imagine. I have no idea of the cost of life at Madison, and should be grateful if you could give me a rough impression of it. We would of course be without the children and something like a double-bedroom with use of the bathroom would suit us.

Re genetic analysis of drug resistance; I wonder if we might dedicate a few evenings in Madison to writing ~~ix~~ the booklet you suggested? A book of 100-150 pages, expanding and completing the joint paper of Rome, especially if we agreed in advance on the contents, might be not too long to write down in detail when there, and my wife could help in the typing etc. I would care for the literature in advance so as to have everything ready before I come. I would suggest to group the contents roughly as follows: (i) drug action - types of drugs, their activities, mechanism of action, environment in which they act; (ii) drug adaptation - genetics of the individual and of the population, experimental distinction, mutation to resistance, recombination, physiology of resistance, drugs as inducers of genetic changes; (iii) drug association (synergism and antagonism, physiol. and genetical); (iv) drug production - chemistry of drugs in relation to metabolites, and genetics of antibiotic producing strains. Of course, (ii) would be the central subject, but I think that an introductory (i) would be essential, and ^{and} (iv) a useful addition. We would of course keep all non-genetical parts into